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Notice of Allowability Compared to this communication appears on the cover sheet with the correspondence address— Compared to the communication appears on the cover sheet with the correspondence address— Art Unit Compared to the correspondence address— All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewill (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF AFTER THORHS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. Sea 37 CFR 1.313 and MPEP 1309. Compared to the Communication is responsive to amendment filled on 22/205. The allowed claim(s) is/are 1-12 and 14-51 which are renumbered to 1-50. The drawings filed on 24 August 2001 are accepted by the Examiner.		Application No.	Applicant(s)	
### Hong C. Kim 2186 ### The MAILING DATE of this communication appears on the cover sheet with the correspondence address-All claims being allowable. PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not include herewith for previously maled), a Notice of Notice of Partent Richts. This application is subject to withdrawal from issue at the initiative of the Office or upon pellition by the applicant. See 37 OFR 1.313 and MPEP 1308. 1. ☑ This communication is responsive to amendment filed on 2/3/05. 2. ☑ The allowed claim(s) is/are 1-12 and 14-51 which are renumbered to 1-59. 3. ☑ The drawings filed on 24 August 2001 are accepted by the Examiner. 4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All ☐ D)☐ Some* o)☐ None of the: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No. ☐ 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). **Certified copies not received: ☐ Applicant has THREE MONTHS FROM THE **MAILING DATE** of this communication to file a reply complying with the requirements roled below. Failure to limely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PROD IS NOT EXTENDABLE. 5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. 6. ☐ CORRECTED DRAWINGS (as *replacement sheets)* must be submitted. (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) ☐ herefore or 2) ☐ to Paper No./Mail Date ☐ (b) ☐ including changes required by the Attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ☐ (c) ☐ DEPOSIT OF and/or IN		09/938 782	KEAYS, BRADY L.	
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Art Unit: 2186

Detailed Action

1. Claims 1-12 and 14-51 are presented for examination. This office action is in response to the amendment filed on 2/3/2005.

2. Applicants are reminded of the duty to disclose information under 37 CFR 1.56.

REASONS for ALLOWANCE

- 3. The following is an Examiner's statement of reasons for the indication of allowable subject matter: renumbered claims 1-50 are allowable over the prior art of record because an update of a search previously made does not detect the combined claimed elements as set forth in the claims 1-50 and because of the remarks and amendment filed on 2/3/05. Also the reasons for allowance of the claims over the prior art of record is believed to be clear from the prosecution records taken as a whole. Therefore, claims 1-50 are allowable over the prior art of records.
- 4. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons For Allowance."
- 5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hong Kim whose telephone number is (571) 272-4181. The examiner can normally be reached on M-F 9:00 to 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matt Kim can be reached on (571) 272-4182. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 whose telephone number is (571) 272-2100.

6. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

7. Any response to this action should be mailed to:

Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

or faxed to TC-2100:

(703) 872-9306

Hand-delivered responses should be brought to the Customer Service Window (Randolph Building, 401 Dulany Street, Alexandria, VA 22314).

H Kim

Primary Patent Examiner